

BEST AVAILABLE COPY

FIGURE 1

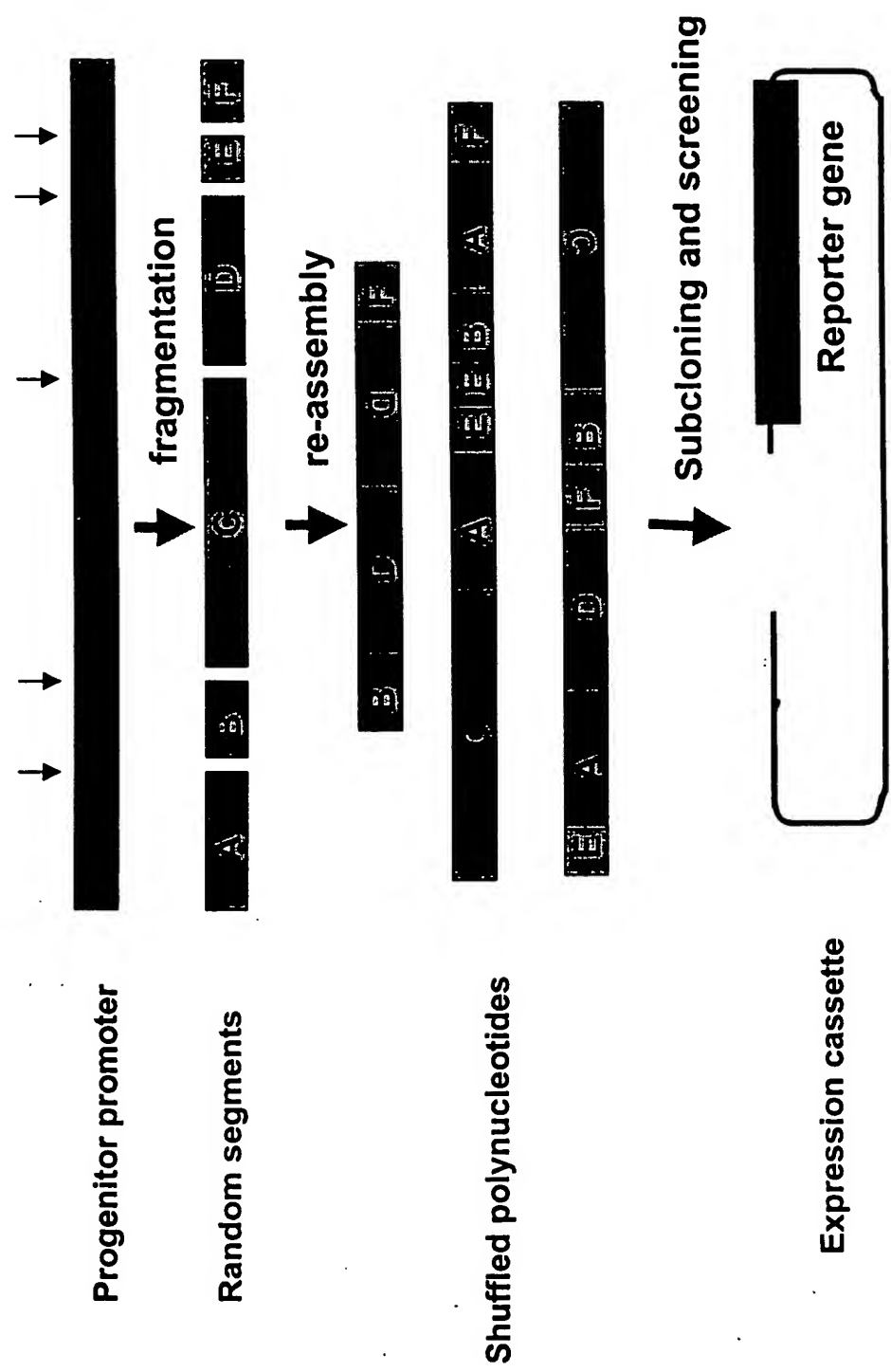


FIGURE 2

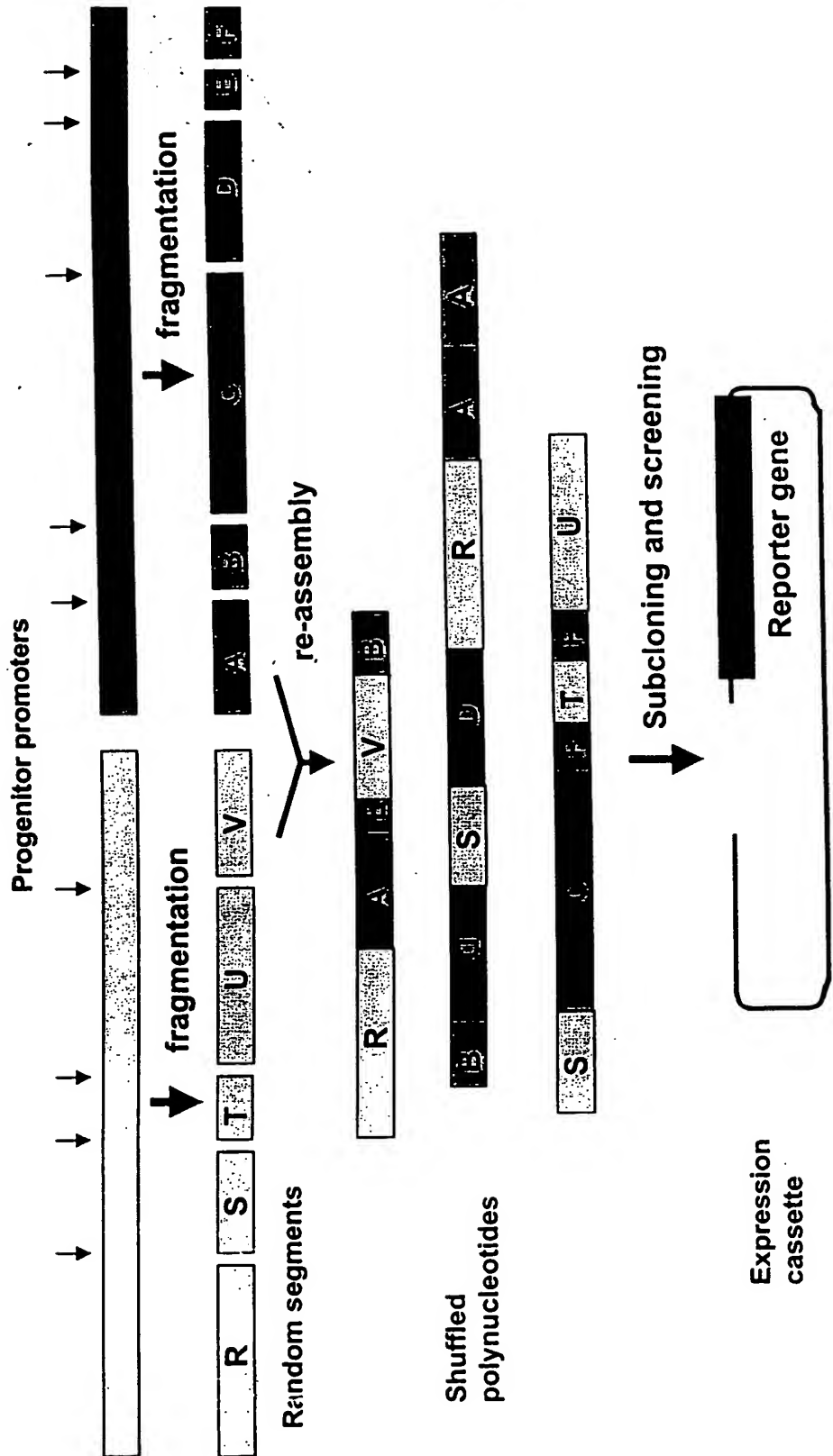


FIGURE 3

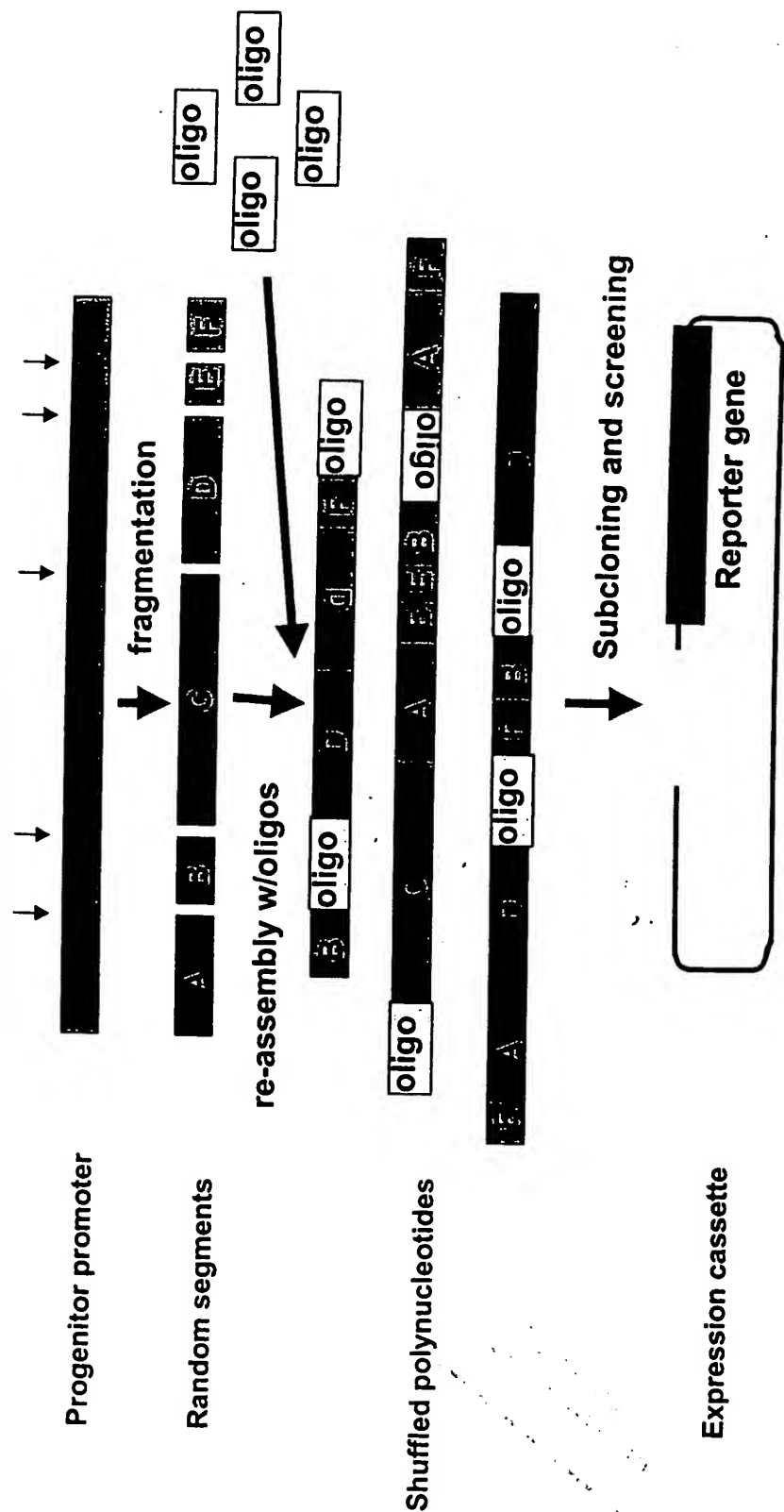
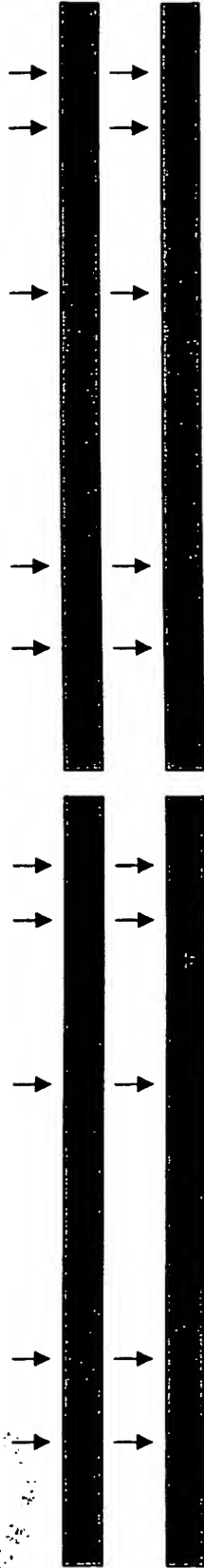


FIGURE 4

Progenitor promoters



* = point mutation
(ex. mutagenic PCR)

fragmentation



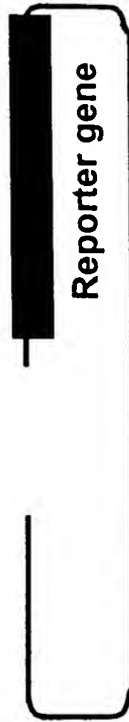
re-assembly



Shuffled
polynucleotides



Subcloning and screening



Expression
cassette